



QUALITY & INNOVATION

LONGER LIFE • COST EFFECTIVE • RELIABLE DIAMOND ABRASIVE LAPPING FILM PRODUCTS



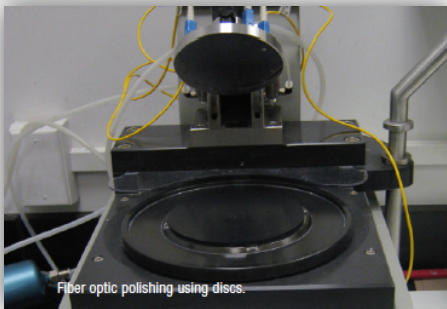
Discs



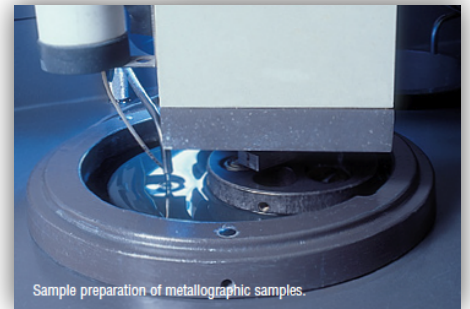
Sheets



Rolls



Fiber optic polishing using discs.



Sample preparation of metallographic samples.

Abrasive Grain Type & Particle Size

Aluminium Oxide
3 mil Film Backing
Micron
0.05 . 0.3 . 1 . 3 . 5 . 9
12 . 15 . 20 . 30 . 40

Diamond
3 mil Film Backing
Micron
0.1 . 0.5 . 1 . 3 . 5 . 9 . 15
30 . 45 . 60 . 76 . 100

Diamond Nanozyte
3 mil Film Backing
Micron
1 . 3 . 9

Silicon Carbide
3 mil Film Backing
Micron
1 . 3 . 5 . 8 . 15 . 30
C-wt. Paper Backing
FEPA
P2400 . P3000 . P4000

Abrasive Grain Type Application Guide

Grain Type	Particle Size (Micron/FEPA)	Recommended Application Guide	Availability
Aluminium Oxide	0.05 . 0.3	Fibre Optics . Electronics . Plastic . Magnetic Heads	Disc . Sheet
Silicon Carbide	1 . 3 . 5 . 8 . 15 . 30	Fibre Optics . Electronics . Plastic . Magnetic Heads . Roll Finishing	Disc . Sheet . Roll
Diamond	P2400 . P3000 . P4000	Fine Lapping . Metallographic applications	Disc . Sheet
Diamond	0.1 . 0.5	Carbides . Ceramics . High Hardness Metals . Fibre Optics . Electronics	Disc . Sheet
Diamond	1 . 3 . 5 . 9 . 15 . 30	Carbides . Ceramics . High Hardness Metals . Fibre Optics . Electronics	Disc . Sheet . Roll
Diamond	9 . 15 . 30 . 45 . 60 . 76 . 100	Carbides . Ceramics . High Hardness Metals . Fibre Optics . HVOF . Electronics . Roll Finishing	Disc . Sheet
Diamond Nanozyte	1 . 3 . 9	Fibre Optics . Electronics . Hard Metals	Disc . Sheet . Roll

Roll Size: Width 12" (304 mm) x Length 50 ft. to 150 ft. (15.24 metres to 45.72 metres)

Disc: Maximum 12" (304mm)

Sheets Size: 12" x 12" (304 mm x 304 mm)

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